

## ANNEX B

### BAY OF BENGAL TROPICAL CYCLONE

#### 1. TROPICAL CYCLONE TRACK<sup>1</sup>

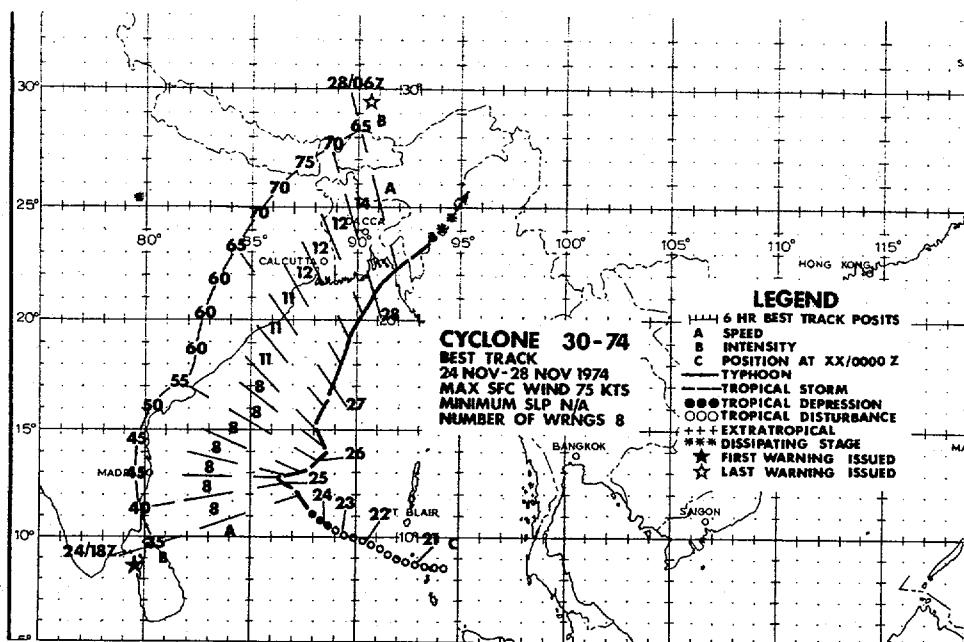


FIGURE B-1. Best track chart for Tropical Cyclone 30-74



FIGURE B-2. DMSP imagery of Tropical Cyclone 30-74, 24 November 1974, 0515Z



FIGURE B-3. DMSP imagery of Tropical Cyclone 30-74, 28 November 1974, 0230Z

<sup>1</sup>

Tropical cyclones in the Bay of Bengal are numbered consecutively from the beginning of the calendar year and are included with those developing in the South Pacific and Indian Oceans.

## 2. CENTER FIX DATA

FIX POSITIONS FOR TROPICAL CYCLONE NO. 30-74  
2000Z 24 NOV TU 0800Z 28 NOV

FIX NO.	TIME	POSITI ON	FIX ACCUR ACY	FIX NAV-ME T	FLY LVL	WIND DIR	VEL	BHG RNG	VEL	BHG RNG	MAZ URG PCN	MAX URG PCN	URG	MIN	FLT	POSTI ON OF MADAM	MSN NMHR
1	210C47Z	4.0N 92.0E	SAT	(F1.0/1.0 /	/	-RST	PCN 5	UMSP									
2	220C68Z	10.0N 90.0E	SAT	(F1.0/1.0 /S	/24-RST	PCN 5	UMSP										
3	230D34Z	11.0N 87.0E	SAT	(F1.5/1.5 /	/12-RST	PCN 5	UMSP										
4	231D42Z	13.5N 87.0E	SAT	(IR DATA	/	PCN 3	UMSP										
5	240S15Z	12.5N 87.0E	SAT	(F2.0/2.0 /	/ -RST	PCN 5	UMSP										
6	240S15Z	13.5N 87.0E	SAT	(F2.0/2.0 /	/24-RST	FC 3	UMSP										
7	241S20Z	11.5N 87.0E	SAT	(IR DATA	/	PCN 5	UMSP										
8	241S20Z	12.5N 87.0E	SAT	(IR DATA	/	NUN	UMSP										
9	241S20Z	12.5N 87.0E	SAT	(IR DATA	/	PCN 6	UMSP										
10	241S20Z	12.5N 87.0E	SAT	(IR DATA	/	PCN 5	UMSP										
11	250S08Z	12.0N 86.0E	SAT	(13.0/3.0 /U1.0/24-RST	/	PCN 3	UMSP										
12	251S11Z	12.0N 86.0E	SAT	(IR DATA	/	PCN 6	UMSP										
13	251S11Z	12.0N 86.0E	SAT	(IR DATA	/	PCN 5	UMSP										
14	251S15Z	12.0N 86.0E	SAT	(IR DATA	/	NUN	UMSP										
15	251S15Z	12.0N 86.0E	SAT	(IR DATA	/	PCN 6	UMSP										
16	250C22Z	13.0N 86.0E	SAT	(13.5/3.5 /U0.5/23-RST)	/	NUN	UMSP										
17	250C22Z	13.0N 86.0E	SAT	(14.0/4.0 /U1.0/22-RST)	/	PCN 3	UMSP										
18	250C22Z	14.0N 87.0E	SAT	(IR DATA	/	PCN 5	UMSP										
19	261C52Z	15.0N 86.0E	SAT	(IR DATA	/	PCN 6	UMSP										
20	261C52Z	14.5N 86.0E	SAT	(IR DATA	/	PCN 6	UMSP										
21	261C52Z	14.0N 86.0E	SAT	(IR DATA	/	PCN 5	UMSP										
22	270C30Z	17.0N 87.0E	SAT	(IR DATA	/	PCN 3	UMSP										
23	270C30Z	17.0N 87.0E	SAT	(14.0/4.0 /U0.5/23-RST)	/	NUN	UMSP										
24	270C30Z	17.0N 87.0E	SAT	(14.5/4.5 /U0.5/24-RST)	/	PCN 3	UMSP										
25	270C30Z	19.0N 87.0E	SAT	(IR DATA	/	PCN 5	UMSP										
26	271C32Z	20.0N 87.0E	SAT	(IR DATA	/	NUN	UMSP										
27	271C32Z	19.0N 87.0E	SAT	(IR DATA	/	PCN 6	UMSP										
28	280U00Z	21.0N 87.0E	LRUN	-	-	-	-	-	-	-	-	-	-	-	28.0N 77.0E	-	
29	280U00Z	21.0N 87.0E	SAT	(13.0/3.0 /W1.5/25-RST)	/	NUN	UMSP										
30	280U00Z	22.0N 87.0E	SAT	(13.5/4.0 /W1.0/24-RST)	/	PCN 3	UMSP										
31	281U00Z	23.0N 87.0E	SAT	(IR DATA	/	PCN 6	UMSP										
32	281U00Z	23.0N 87.0E	SAT	(IR DATA	/	PCN 3	UMSP										

## 3. POSITION AND VERIFICATION DATA

TROPICAL CYCLONE 30-74  
2UUUZ 24 NOV TU 0800Z 28 NOV

BEST TRACK	WARNING			24 HOUR FORECAST			48 HOUR FORECAST			72 HOUR FORECAST			72 HOUR FORECAST		
	POSIT	WIND	POSIT	WIND	DST	WIND	POSIT	WIND	DST	WIND	POSIT	WIND	DST	WIND	ERRORS
210U00Z 11.0N 87.0E	35	12.0N 87.0E	35	13	0	13.0N 86.0E	35	99	0	15.0N 85.0E	70	161	10	--	--
250U00Z 16.0N 86.0E	40	--	--	--	--	--	17.0N 85.0E	70	17.0N 85.0E	90	21d	20	--	--	
250U00Z 16.0N 85.0E	45	13.0N 86.0E	45	38	0	15.0N 85.0E	70	198	10	17.0N 85.0E	90	21d	20	--	--
251U00Z 16.0N 86.0E	45	--	--	--	--	--	15.0N 85.0E	70	170	10	17.0N 85.0E	90	320	15	--
260U00Z 16.0N 88.0E	55	--	--	--	--	--	17.0N 87.0E	75	90	5	18.0N 90.0E	90	254	25	--
260U00Z 16.0N 88.0E	00	14.0N 88.0E	40	42	0	16.0N 89.0E	75	90	5	18.0N 90.0E	90	254	25	--	
261U00Z 16.0N 88.0E	00	--	--	--	--	--	15.0N 88.0E	70	170	10	17.0N 88.0E	90	320	15	--
261U00Z 16.0N 88.0E	00	15.0N 88.0E	60	30	0	17.0N 89.0E	75	171	0	--	--	--	--	--	
270U00Z 17.0N 88.0E	65	--	--	--	--	--	18.0N 87.0E	75	90	5	19.0N 90.0E	90	254	25	--
270U00Z 18.0N 89.0E	70	18.0N 89.0E	70	40	0	20.0N 91.0E	85	97	20	--	--	--	--	--	
271U00Z 19.0N 90.0E	70	--	--	--	--	--	21.0N 93.0E	85	107	20	--	--	--	--	
271U00Z 20.0N 90.0E	70	20.0N 90.0E	70	34	0	--	--	--	--	--	--	--	--	--	
280U00Z 21.0N 90.0E	70	--	--	--	--	--	--	--	--	--	--	--	--	--	
280U00Z 22.0N 92.0E	65	22.0N 92.0E	65	36	0	--	--	--	--	--	--	--	--	--	
281U00Z 23.0N 93.0E	65	--	--	--	--	--	--	--	--	--	--	--	--	--	

AVERAGE FORECAST ERHHR  
AVERAGE RIGHT ANGLE ERHHR  
AVERAGE MAGNITUDE OF WIND ERHHR  
AVERAGE BIAS OF WIND ERHHR  
NUMBER OF FORECASTS

ALL FORECASTS			
WARNING	24-HR	48-HR	72-HR
38MM	13.0MM	23.0MM	0MM
22MM	8.0MM	14.0MM	0MM
OKTS	MKTIS	10KTS	MKTIS
8	6	4	0